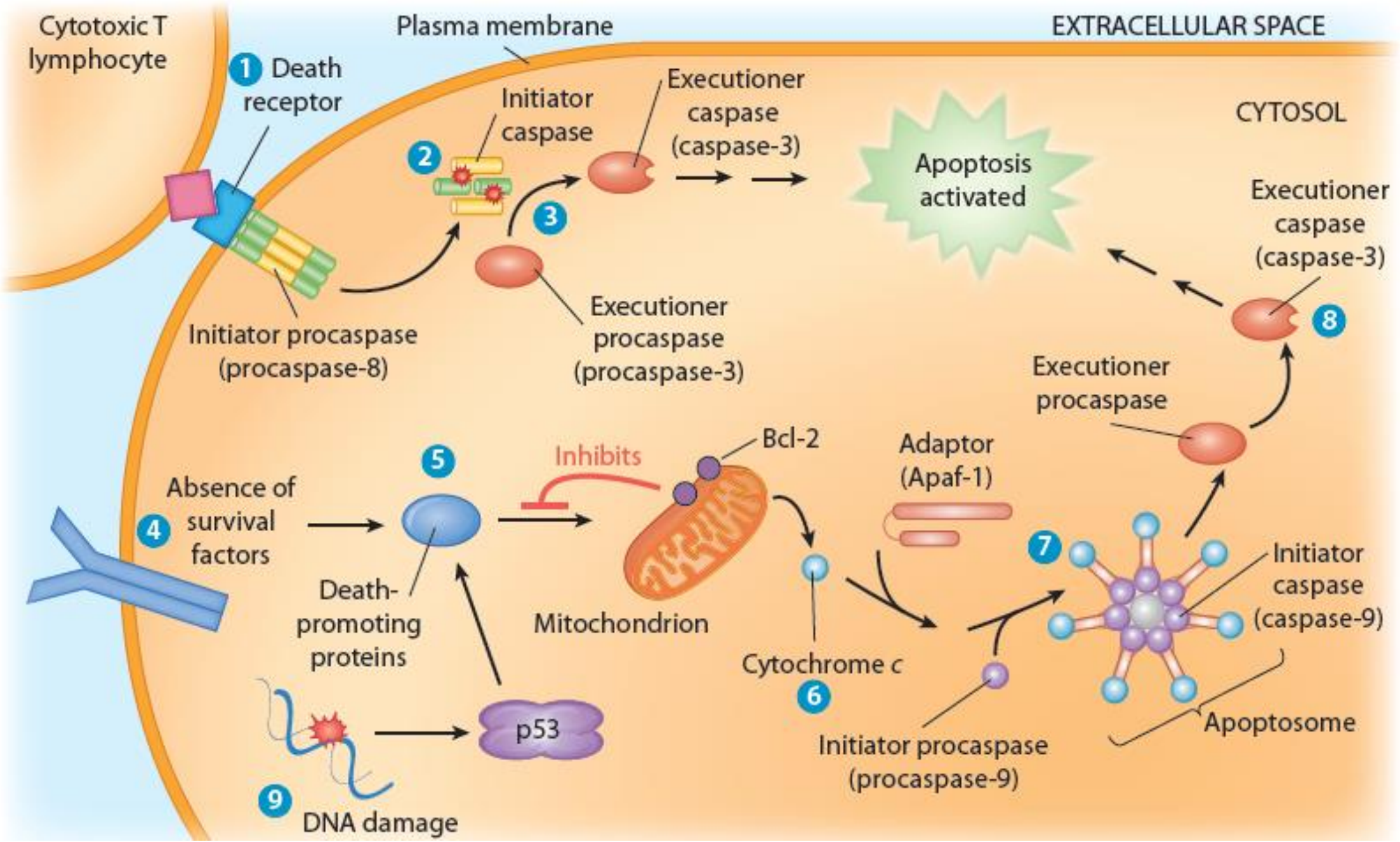
Cytotoxic T lymphocyte
Plasma membrane
EXTRACELLULAR SPACE
CYTOSOL
1 Death receptor
Initiator caspase
Executioner caspase (caspase-3)
2
3
Apoptosis activated
Initiator procaspase (procaspase-8)
Executioner procaspase (procaspase-3)
Executioner caspase (caspase-3)
8
Executioner procaspase
Bcl-2
Inhibits
5
Absence of survival factors
4
Adaptor (Apaf-1)
7
Initiator caspase (caspase-9)
Death-promoting proteins
Mitochondrion
Cytochrome c
6
Apoptosome
Initiator procaspase (procaspase-9)
p53
9
DNA damage